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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,828	08/27/2001	Mitsuhiro Yamamoto	041514-5230	1102

9629 7590 09/08/2005

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EXAMINER

JONES III, CLYDE H

ART UNIT PAPER NUMBER

2611

DATE MAILED: 09/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/938,828	YAMAMOTO ET AL.	
	Examiner	Art Unit	
	Clyde H. Jones III	2611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Objections

1. The following quotation of 37 CFR 1.75(a) is the basis of the objection:
 - (a) The specification must conclude with a claim particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention or discovery.
2. Claim 9 is objected to under 37 CFR 1.75(a) as failing to particularly point out and distinctly claim the subject matter which the applicant regards as his invention or discovery because of the following informalities: "said display part" lacks antecedent basis. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Berstis (US 6,182,010 B1).

In regards to claim 1, Berstis teaches –

A display apparatus (10 – fig. 3) for use in an electronic equipment (vehicle), having a display panel (12) for displaying images (fig. 1; fig. 3; col. 5, lines 3-24; in

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which “electronic equipment” reads on Berstis’ data transceiver and GPS equipped vehicle) comprising:

a storage part contained in said electronic equipment for storing display data representing display images to be displayed on said display panel (col. 4, lines 47-56 & col. 6, lines 38-41; in which “storage part” reads on the computer-10’s RAM and mass storage-54); and

a writing part (server 40) for receiving display data from the outside of said electronic equipment to write into said storage unit as said display data (col. 8, lines 12-15; col. 4, lines 64-66).

In regards to claim 2, Berstis teaches the electronic equipment comprises a device body portion (vehicle body), and a display panel portion (51-fig. 3) including a display panel (12) and the storage part (RAM and mass storage-54) (col. 5, lines 5-17).

In regards to claims 3 and 5, Berstis teaches the storage part (54) is configured to be removable from said electronic equipment (col. 4, lines 53-53 & col. 5, lines 17-24; in which Berstis’ teaches a flash memory card “storage part”).

In regards to claim 4, Berstis teaches the storage part comprises a flash memory (col. 5, lines 17-24).

In regards to claim 6 and 7, Berstis teaches writing part (server 40) writes display data (navigation data) accumulated in a predetermined site (a "computer's hard disk") into the storage part through a communication network (42) (col. 3, lines 56-57 & col. 7, lines 5-19; col. 4, lines 51-55; & col. 8, lines 5-9, in which Berstis teaches the limitation "communication network is the Internet").

In regards to claim 8 and 10, Berstis teaches the data writing unit (server 40) writes arbitrary display data into the storage part (RAM or mass storage-54) (col. 6, line 50 - col.7, line 5; in which "arbitrary display data" reads on Berstis' images taken through an "image shooting device", i.e., a camera, e.g., a police officer using a car with a camera records images while driving an area).

In regards to claims 9 and 18, Berstis teaches the data writing part (server 40) captures externally existing arbitrary display data and writes the same into said display part (col. 6, line 50 - col.7, line 5; col. 8, lines 12-15; col. 7, lines 38-41; in which "arbitrary display data" reads on Berstis' images taken through an "image shooting device", i.e., a camera, e.g., a police officer using a car with a camera records images while driving an area and the images are captured/downloaded by server 40).

In regards to claim 11, Berstis teaches software for capturing (downloading) the arbitrary display data and writing the same into the storage part is stored in a predetermined site (server 40); and

the data writing part downloads the software through the Internet (col. 7, lines 5-12; col. 4, lines 51-55; col. 8, lines 14-15; in which Berstis' server 40 downloads the information through the Internet from the computer where the camera images are accessible. As to the limitation "software" Berstis is silent about it; however it is well known in the art that that any server/computer uses software to perform/facilitate any function, i.e., software is instructions that facilitate computers execution of functions and tasks; Berstis discloses downloaded information includes "instructions" and "facilitates display of additional navigation images" therefore the limitation "software" is inherent for Berstis' system to perform as disclosed).

In regards to claim 12, Berstis teaches the display data represents a moving image (col. 7, lines 23-24).

In regards to claim 13, Berstis teaches the display data represents a still image (col. 7, lines 52-54).

In regards to claim 14, Berstis teaches the electronic equipment is a vehicle-mounted electronic equipment (col. 5, lines 3-17 & fig. 3; in which Berstis' vehicle is mounted with GPS, power supply and wireless data transceiver electronic equipment).

In regards to claims 15 and 17, Berstis teaches the storage part is configured to be removable from said electronic equipment (col. 4, lines 53-53 & col. 5, lines 17-24; in which Berstis' teaches a flash memory card "storage part").

In regards to claim 16, Berstis teaches the storage part comprises a flash memory (col. 5, lines 17-24).

In regards to claim 19, Berstis teaches software for capturing (downloading) the arbitrary display data and writing the same into the storage part is stored in a predetermined site (server 40); and

the data writing part downloads the software through the Internet (col. 7, lines 5-12; col. 4, lines 51-55; & col. 8, lines 14-15; in which Berstis' server 40 downloads the information through the Internet from the computer where the camera images are accessible. As to the limitation "software" Berstis is silent about it; however it is well known in the art that that any server/computer uses software to perform/facilitate any function, i.e., software is instructions that facilitate computers execution of functions and tasks; Berstis discloses the downloaded information includes "instructions" and "facilitates display of additional navigation images" therefore the limitation "software" is inherent for Berstis' system to perform as disclosed).

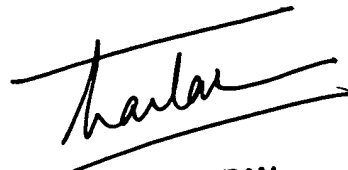
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clyde H. Jones III whose telephone number is 571-272-5946. The examiner can normally be reached on 9-5:30 p.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Grant can be reached on 571-272-7294. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CJ


HAI TRAN
PRIMARY EXAMINER